

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7272-1209:211 Page 1 of 1

CATEGORY: Photoelectric Smoke Detector

LISTEE: System Sensor, 3825 Ohio Ave., St. Charles IL 60174
Contact: *Trish Linhart (630) 377-6674 Fax (630) 377-7245

DESIGN: Model 2100RFADT photoelectric type, battery operated smoke detectors with integral RF transmitter. Unit can transmit a radio frequency (RF) alarm signal to listee's separately listed compatible fire alarm control units. Unit also has a 135°F supplement integral heat sensor which only assists in a fire situation. The purpose of this thermal circuitry is to increase the sensitivity of the detector. This thermal circuitry is NOT approved for use as a heat detector. Refer to listee's printed data sheet for additional detailed product description and operational considerations.

RATING: 6 VDC
Two Duracell DL123A, Sanyo CR123A, Panasonic CR123A, Varta CR123A, Tekcell CR123A or Ademco 466 lithium batteries.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as a radio frequency (RF), battery operated, photoelectric smoke detector for use with separately listed compatible fire alarm control units.

This unit can generate a distinctive temporal code pattern fire alarm signal (for total evacuation) in accordance with NFPA 72, 1999 Edition.

NOTE: The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

Rev. 06-16-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JUNE 16, 2003

*Listing Expires **June 30, 2004***

Authorized By:

DIANE K. AREND, Senior Deputy
Program Manager